

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--|------------------|---------|---------------------|
| S1 | 162 | 73/152.14.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/17 20:12 |
| S2 | 1 | S1 and downhole and activation and drilling and (time near4 flight) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/17 20:21 |
| S3 | 15 | downhole and activation and drilling and (time near4 flight) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/17 20:30 |
| S4 | 4 | S3 and slug | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/17 20:31 |
| S5 | 4 | S4 and (gamma near4 ray) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/17 20:32 |
| S6 | 4 | US-5219518-\$.DID. OR US-4233508-\$. DID. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/17 20:46 |
| S7 | 0 | S6 and downhole and activation and drilling and (time near4 flight) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/17 21:41 |
| S8 | 23 | downhole and (activation or neutron) and drilling and (time near4 flight) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/17 21:41 |

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|-----|----|---|--|----|----|---------------------|
| S9 | 4 | S8 and slug | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/17 21:59 |
| S10 | 0 | S8 and S6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/17 21:59 |
| S11 | 23 | downhole and (activation or neutron) and drilling and (time near4 flight) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/18 12:56 |
| S12 | 13 | S11 and (slug or mud) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/18 12:56 |
| S13 | 15 | downhole and activation and drilling and (time near4 flight) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/18 12:56 |
| S14 | 6 | S13 and (slug or mud) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/18 12:56 |
| S15 | 8 | S12 and (gamma near4 ray) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/18 14:08 |
| S16 | 4 | S14 and (gamma near4 ray) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/18 14:08 |
| S17 | 15 | downhole and activation and drilling and (time near4 flight) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/18 15:30 |
| S18 | 6 | S17 and (slug or mud) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/18 15:30 |

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|-----|----|---|--|----|----|---------------------|
| S19 | 4 | S18 and (gamma near4 ray) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/18 15:30 |
| S20 | 23 | downhole and (activation or neutron) and drilling and (time near4 flight) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/18 15:30 |
| S21 | 13 | S20 and (slug or mud) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/18 15:30 |
| S22 | 8 | S21 and (gamma near4 ray) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/18 15:30 |
| S23 | 23 | downhole and (activation or neutron) and drilling and (time near4 flight) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/18 21:56 |
| S24 | 13 | S23 and (slug or mud) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/18 21:56 |
| S25 | 8 | S24 and (gamma near4 ray) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/18 21:56 |
| S26 | 3 | S25 and (penetration near6 correction) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/18 21:56 |
| S28 | 6 | S25 and (fluid near4 velocity) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/18 21:59 |
| S29 | 3 | S28 and (penetration near6 correction) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/18 22:01 |

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|-----|-----|--|--|----|----|---------------------|
| S30 | 4 | S28 and (flow near4 rate) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/18 22:02 |
| S31 | 3 | S28 and (borehole near4 volume) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/18 22:08 |
| S32 | 23 | downhole and (activation or neutron) and drilling and (time near4 flight) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/19 00:07 |
| S33 | 13 | S32 and (slug or mud) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/19 00:07 |
| S34 | 8 | S33 and (gamma near4 ray) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/19 00:07 |
| S35 | 6 | S34 and (fluid near4 velocity) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/19 00:07 |
| S36 | 4 | S35 and (flow near4 rate) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/19 00:07 |
| S37 | 4 | S36 and (flow\$3 near4 surface) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/19 00:07 |
| S38 | 163 | 73/152.14.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/11 10:59 |
| S39 | 1 | S38 and (activating or activation) and drill\$3 and distance and (time near4 flight) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/11 11:06 |

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|-----|--------|---|--|----|----|---------------------|
| S40 | 425 | (activating or activation) and drill \$3 and distance and (time near4 flight) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/11 11:07 |
| S41 | 25 | S40 and slug | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/11 11:07 |
| S42 | 2 | S41 and (unactivated near4 slug) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/11 11:10 |
| S43 | 5 | S41 and (gamma near4 ray) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/11 11:59 |
| S44 | 163 | 73/152.14.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/05 08:49 |
| S45 | 152059 | "250"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/05 08:50 |
| S46 | 43508 | "175"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/05 08:50 |
| S47 | 58821 | "166"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/05 08:50 |
| S48 | 152121 | "250"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/07 15:39 |
| S49 | 58837 | "166"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/07 15:40 |

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|-----|-------|---|--|----|----|---------------------|
| S50 | 35891 | "376"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/07 15:40 |
| S51 | 43512 | "175"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/07 15:40 |
| S52 | 52151 | "702"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/07 15:41 |
| S53 | 6 | S48 and downhole and activation and drilling and (time near4 flight) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/07 15:42 |
| S54 | 6 | S49 and downhole and activation and drilling and (time near4 flight) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/07 15:43 |
| S55 | 0 | S50 and downhole and activation and drilling and (time near4 flight) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/07 15:43 |
| S56 | 1 | S51 and downhole and activation and drilling and (time near4 flight) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/07 15:43 |
| S57 | 0 | S52 and downhole and activation and drilling and (time near4 flight) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/07 15:43 |
| S58 | 1 | S53 and unactivated | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/07 15:49 |
| S59 | 0 | S54 and unactivated | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/07 15:49 |

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|-----|--------|---|--|----|----|---------------------|
| S60 | 0 | S66 and unactivated | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/07 15:49 |
| S61 | 163 | 73/152.14.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/08 12:35 |
| S62 | 152184 | "250"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/08 12:35 |
| S63 | 43520 | "175"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/08 12:36 |
| S64 | 58862 | "166"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/08 12:36 |
| S65 | 43520 | "175"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/08 12:36 |
| S66 | 52199 | "702"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/08 12:36 |
| S67 | 2 | "5219518".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/08 12:37 |
| S68 | 2 | (drilling near4 fluid) and (unactivated near4 slug) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/08 13:28 |
| S69 | 2 | (downhole or borehole) and (unactivated near4 slug) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/08 13:40 |

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|-----|-----|--|--|----|----|---------------------|
| S70 | 2 | (downhole or borehole) and (unactivated near6 (drilling near4 fluid)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/08 13:41 |
| S71 | 2 | (downhole or borehole) and ((unactivated or unradiated) near6 (drilling near4 fluid)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/08 13:43 |
| S72 | 140 | (downhole or borehole or drilling) and (pulsed near4 neutron) and ((gamma near4 ray) near4 detector) and ((drilling near4 fluid) or mud) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/08 15:15 |
| S73 | 0 | S72 and distance and (stop near4 (irradiat\$3 or activat\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/08 15:16 |
| S74 | 140 | (downhole or borehole or drilling) and (pulsed near4 neutron) and ((gamma near4 ray) near4 detector) and ((drilling near4 fluid) or mud) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/09 11:33 |
| S75 | 86 | S74 and irradiating | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/09 11:55 |
| S76 | 54 | S75 and activation | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/09 11:55 |
| S77 | 2 | S76 and slug | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/09 11:57 |

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|-----|----|--|--|----|----|---------------------|
| S78 | 4 | S76 and (time near4 (flight or travel)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/09 13:56 |
| S79 | 2 | S78 and velocity | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/09 16:38 |
| S80 | 48 | S74 and velocity | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/09 16:40 |
| S81 | 24 | S75 and velocity | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/09 16:40 |
| S82 | 13 | S76 and velocity | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/09 16:40 |
| S83 | 2 | S76 and (volumetric near4 (flow near4 rate)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/09 17:12 |
| S84 | 2 | "5219518".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/09 17:38 |
| S85 | 1 | S84 and irradiating | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/09 17:38 |
| S86 | 1 | (downhole or borehole or drilling) and S85 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/09 17:43 |
| S87 | 0 | S86 and ((drilling near4 fluid) or mud) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/09 17:43 |

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|-----|-----|--|--|----|----|---------------------|
| S88 | 1 | S86 and (gamma near4 ray) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/09 17:44 |
| S89 | 1 | S88 and distance | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/09 19:37 |
| S90 | 0 | S89 and (time near4 (flight or travel)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/09 19:37 |
| S91 | 1 | S89 and velocity | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/09 19:41 |
| S92 | 0 | S91 and (rate near4 penetration) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/09 19:41 |
| S93 | 1 | S91 and (flow near4 rate) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/09 19:42 |
| S94 | 0 | S93 and (borehole near4 volume) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/09 19:43 |
| S95 | 1 | S93 and (fluid near4 velocity) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/09 19:57 |
| S96 | 140 | (downhole or borehole or drilling) and (pulsed near4 neutron) and ((gamma near4 ray) near4 detector) and ((drilling near4 fluid) or mud) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/09 22:56 |

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|------|----|---|--|----|----|---------------------|
| S97 | 86 | S96 and irradiating | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/09 22:56 |
| S98 | 54 | S97 and activation | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/09 22:56 |
| S99 | 4 | S98 and (time near4 (flight or travel)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/09 22:56 |
| S100 | 3 | S99 and distance | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/09 22:56 |
| S101 | 2 | "5219518".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/10 00:37 |
| S102 | 1 | S101 and irradiating | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/10 00:37 |
| S103 | 1 | (downhole or borehole or drilling) and S102 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/10 00:37 |
| S104 | 1 | S103 and (gamma near4 ray) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/10 00:37 |
| S105 | 1 | S104 and distance | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/10 00:37 |
| S106 | 1 | S105 and velocity | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/10 00:37 |

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|------|-----|--|--|----|----|---------------------|
| S107 | 1 | S106 and (flow near4 rate) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/10 00:37 |
| S108 | 1 | S107 and (fluid near4 velocity) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/10 00:37 |
| S109 | 0 | S108 and ((logging near4 drilling) or LWD) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/10 00:37 |
| S110 | 1 | S108 and (logging or drilling) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/10 00:38 |
| S111 | 164 | 73/152.14.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 12:25 |
| S112 | 1 | S111 and downhole and activation and drilling and (time near4 flight) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 12:53 |
| S113 | 149 | (downhole or borehole or drilling) and (pulsed near4 neutron) and ((gamma near4 ray) near4 detector) and ((drilling near4 fluid) or mud) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 12:54 |
| S114 | 90 | S113 and irradiating | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 12:54 |
| S115 | 56 | S114 and activation | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 12:54 |

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|------|-----|--|--|----|----|---------------------|
| S116 | 5 | S115 and (time near4 (flight or travel)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 12:54 |
| S117 | 0 | S116 and (borehole near4 volume) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 13:12 |
| S118 | 6 | S113 and (borehole near4 volume) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 13:17 |
| S119 | 4 | S118 and (time near4 (flight or travel)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 13:17 |
| S120 | 2 | S119 and activation | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 13:18 |
| S121 | 1 | S120 and (surface near4 volumetric) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 13:18 |
| S122 | 20 | downhole and activation and drilling and (time near4 flight) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 13:21 |
| S123 | 257 | (downhole or borehole or drilling) and activation and drilling and (time near4 flight) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 13:22 |
| S124 | 6 | S123 and (borehole near4 volume) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 13:47 |
| S125 | 2 | S124 and (surface near4 volumetric) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 13:51 |

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|------|--------|---|--|----|----|---------------------|
| S126 | 4 | S124 and (volumetric near4 (flow near4 rate)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 13:53 |
| S127 | 155431 | "250"/\$.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 14:20 |
| S128 | 44234 | "175"/\$.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 14:20 |
| S129 | 60391 | "166"/\$.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 14:20 |
| S130 | 36114 | "376"/\$.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 14:20 |
| S131 | 55403 | "702"/\$.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 14:20 |
| S132 | 19 | S123 and S127 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 14:39 |
| S133 | 1 | S123 and S128 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 14:39 |
| S134 | 8 | S123 and S129 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 14:39 |
| S135 | 1 | S123 and S130 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 14:39 |

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|------|----|---|--|----|----|---------------------|
| S136 | 10 | S123 and S131 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 14:39 |
| S137 | 6 | S132 and (volumetric near4 (flow near4 rate)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 14:42 |
| S138 | 0 | S133 and (volumetric near4 (flow near4 rate)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 14:42 |
| S139 | 1 | S134 and (volumetric near4 (flow near4 rate)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 14:42 |
| S140 | 0 | S135 and (volumetric near4 (flow near4 rate)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 14:42 |
| S141 | 1 | S136 and (volumetric near4 (flow near4 rate)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 14:42 |
| S142 | 2 | S137 and (borehole near4 volume) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 14:48 |
| S143 | 0 | S139 and (borehole near4 volume) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 14:48 |
| S144 | 0 | S141 and (borehole near4 volume) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 14:48 |

EAST Search History (Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--------------|-----|---------------------|---------|------------|
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|------|--------|--|-----------------------------|----|----|------------------|
| S145 | 128 | 73/152.14.ccls. | US-PGPUB; USPAT; UPAD | OR | ON | 2009/08/25 14:02 |
| S146 | 96 | (downhole or borehole or drilling or logging) and S145 | US-PGPUB; USPAT; UPAD | OR | ON | 2009/08/25 14:03 |
| S147 | 1 | activat\$3 and (time near4 flight) and S146 | US-PGPUB; USPAT; UPAD | OR | ON | 2009/08/25 14:04 |
| S148 | 501 | (downhole or borehole or drilling or logging) and activat\$3 and (time near4 flight) | US-PGPUB; USPAT; UPAD | OR | ON | 2009/08/25 14:05 |
| S149 | 4 | S148 and (borehole near4 volume) | US-PGPUB; USPAT; UPAD | OR | ON | 2009/08/25 14:05 |
| S150 | 2 | S149 and (volumetric near4 (flow near4 rate)) | US-PGPUB; USPAT; UPAD | OR | ON | 2009/08/25 14:06 |
| S151 | 110690 | "250"/\$.ccls. | US-PGPUB; USPAT; UPAD | OR | ON | 2009/08/25 14:49 |
| S152 | 29597 | "175"/\$.ccls. | US-PGPUB; USPAT; UPAD | OR | ON | 2009/08/25 14:49 |
| S153 | 46097 | "166"/\$.ccls. | US-PGPUB; USPAT; UPAD | OR | ON | 2009/08/25 14:49 |
| S154 | 16414 | "376"/\$.ccls. | US-PGPUB; USPAT; UPAD | OR | ON | 2009/08/25 14:50 |
| S155 | 50900 | "702"/\$.ccls. | US-PGPUB; USPAT; UPAD | OR | ON | 2009/08/25 14:50 |
| S156 | 50 | S151 and (borehole near4 volume) | US-PGPUB; USPAT; UPAD | OR | ON | 2009/08/25 14:55 |
| S157 | 145 | S152 and (borehole near4 volume) | US-PGPUB; USPAT; UPAD | OR | ON | 2009/08/25 14:55 |
| S158 | 221 | S153 and (borehole near4 volume) | US-PGPUB; USPAT; UPAD | OR | ON | 2009/08/25 14:55 |
| S159 | 5 | S154 and (borehole near4 volume) | US-PGPUB; USPAT; UPAD | OR | ON | 2009/08/25 14:55 |

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|------|-----|---|-----------------------------|----|----|------------------|
| S160 | 111 | S155 and (borehole near4 volume) | US-PGPUB; USPAT; UPAD | OR | ON | 2009/08/25 14:56 |
| S161 | 3 | S156 and (volumetric near4 (flow near4 rate)) | US-PGPUB; USPAT; UPAD | OR | ON | 2009/08/25 14:56 |
| S162 | 5 | S157 and (volumetric near4 (flow near4 rate)) | US-PGPUB; USPAT; UPAD | OR | ON | 2009/08/25 14:56 |
| S163 | 9 | S158 and (volumetric near4 (flow near4 rate)) | US-PGPUB; USPAT; UPAD | OR | ON | 2009/08/25 14:56 |
| S164 | 0 | S159 and (volumetric near4 (flow near4 rate)) | US-PGPUB; USPAT; UPAD | OR | ON | 2009/08/25 14:56 |
| S165 | 2 | S160 and (volumetric near4 (flow near4 rate)) | US-PGPUB; USPAT; UPAD | OR | ON | 2009/08/25 14:56 |

8/ 25/ 2009 5:43:50 PM

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